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Technology Services Company Superfund Response & Investigation Branch

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March 26, 1993

DCN: TZ4-C10025-LR-13271

Ms. Monica Rolluda
U.S. Environmental Protection Agency
1200 Sixth Avenue (HW-113)
Seattle, WA 98101

USEPA SF



1410048

Subject: SIP Report for Ace Galvanizing in Seattle, Washington
W.A. C10025, EPA No. 68-W9-0008
SAIC/TSC Project No. 6-788-03-1408-310

Dear Ms. Rolluda:

Ace Galvanizing is a zinc galvanizer with a long history of poor practices and NPDES permit violations. However, during recent inspections the facility has improved their waste handling practices. There is metals contamination in the ground water underlying the site; however, there is no background well to rule out other sources.

SITE BACKGROUND

Ace Galvanizing is located at 429 South 96th Street in Seattle, Washington. The General Manager is Mr. Mike Buckland. The EPA I.D. number is WAD009286881.

Ace Galvanizing occupies approximately five acres and has been in operation since the 1960's. Ace is a zinc galvanizer and also has an oiling facility onsite. Solutions from galvanizing have been discharged to both the ground and surface water via onsite sumps.

During the 1970's Ace had numerous NPDES discharge violations. They were also fined for discharging wastes to sumps that drain to the Duwamish River. They have also had historic soil contamination problems.

Prior to 1987 there were poor operational practices, which resulted in soils and ground water contamination. In 1987 the Washington Department of Ecology conducted an inspection and identified several problems. Following the inspection Ace cleaned up the site. The cleanup was primarily for their

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operations. There is no indication that contaminated soil was removed. During the 1991 Site Hazard Assessment soil contamination (nickel, zinc, copper, cadmium, and lead) was identified throughout the site including a gully behind the site. One monitoring well was installed. Metals contamination (cadmium, chromium, copper, nickel, and zinc) was detected in the ground water. An Environmental Site Assessment of the adjacent Desimone Trust Property indicated that contamination similar to that detected in the monitoring well at Ace was also present beneath that site.

AREAS OF CONCERN

The contaminated soil over the site and adjacent to the site is the main area of concern. There is probably at least one area onsite that acts as a source of contamination for the ground water.

NEW INFORMATION

The last work that was done at the site is summarized in the following reports:

- Letters from Ace Galvanizing to the State summarizing progress in cleaning up the site. May through August 1987.
- Parametrix and SAIC. Site Hazard Assessment Summary Report for Ace Galvanizing Company Seattle, Washington. June 1991.
- Hart Crowser. Environmental Site Assessment Desimone Trust Property South Park, Seattle Washington. December 1991.

Bill Bogden, (206) 386-1818, with Seattle Highline Well field was contacted. The Highline well field produces water about three months per year. The water accounts for a total of about three percent of the potable water used in Seattle. It is blended with all the other water sources of the city and serves approximately 1.235 million people.

A CERCLA Eligibility Checklist is enclosed.

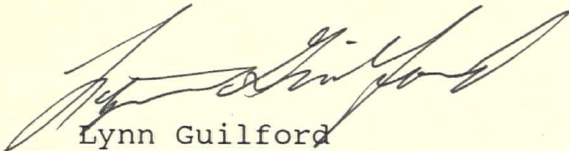
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Please feel free to call me at (206) 485-2818 if you have any questions or comments regarding this submittal.

Sincerely,

Technology Services Company, A Division of
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION



Lynn Guilford
Work Assignment Manager

Enclosure:

cc: G. Sink (letter only)
P. Rubenstein (letter only)